

L4 ANSWER 1 OF 1 WPIX (C) 2002 THOMSON DERWENT  
AN 1988-130767 [19] WPIX  
DNC C1988-058773  
TI Curl-resistant release paper - includes undercoat layer comprising  
copolymer of hydrophilic ethylenically unsatd. monomer, alkyl  
(meth)acrylate and other monomer.  
DC A18 A97 F09  
PA (KANZ) KANZAKI PAPER MFG CO LTD  
CYC 1  
PI JP 63075199 A 19880405 (198819)\* 6p <--  
JP 05051720 B 19930803 (199333) 6p  
ADT JP 63075199 A JP 1986-214318 19860910; JP 05051720 B JP 1986-214318  
19860910  
FDT JP 05051720 B Based on JP 63075199  
PRAI JP 1986-214318 19860910  
AB JP 63075199 A UPAB: 19930923

In a release paper obtd. by forming a layer of release agent on at least one side of a base paper via an undercoat layer, the major component of the undercoat layer is a water-soluble copolymer consisting of (A)-(C) and has a Tg of -60 to 20 deg.C. (A) is hydrophilic ethylenically unsatd. monomer 5 to 50 wt%; (B) is alkyl (meth)acrylate 20 to 95 wt%; and (C) is another copolymerisable monomer 0 to 40 wt%. The water-soluble copolymer is applied to the surface of the base paper in amt., e.g., 1 to 10 g/m2 based on dry wt.

Pref. (A) is a monomer contg. ethylenically unsatd. carboxylic acid such as (meth)acrylic acid or maleic acid; (B) is pref. a (meth)acrylate monomer having 4-10C alkyl such as butyl (meth)acrylate or hexyl (meth)acrylate; (C) is e.g., vinyl acetate, styrene, (meth)acrylonitrile, etc.

ADVANTAGE - The release paper has excellent threading and copying properties.  
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